



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090544

**Mode:** Highway

**Status:** Submitted

### NC-66 (Old Hollow Road)

**From/Cross Street:** Bellaire Circle/Whitehall Village Lane

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** Harley Drive

**Project Category:** Regional Impact

**Length:** 1.19

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$15,998,000

#### Description:

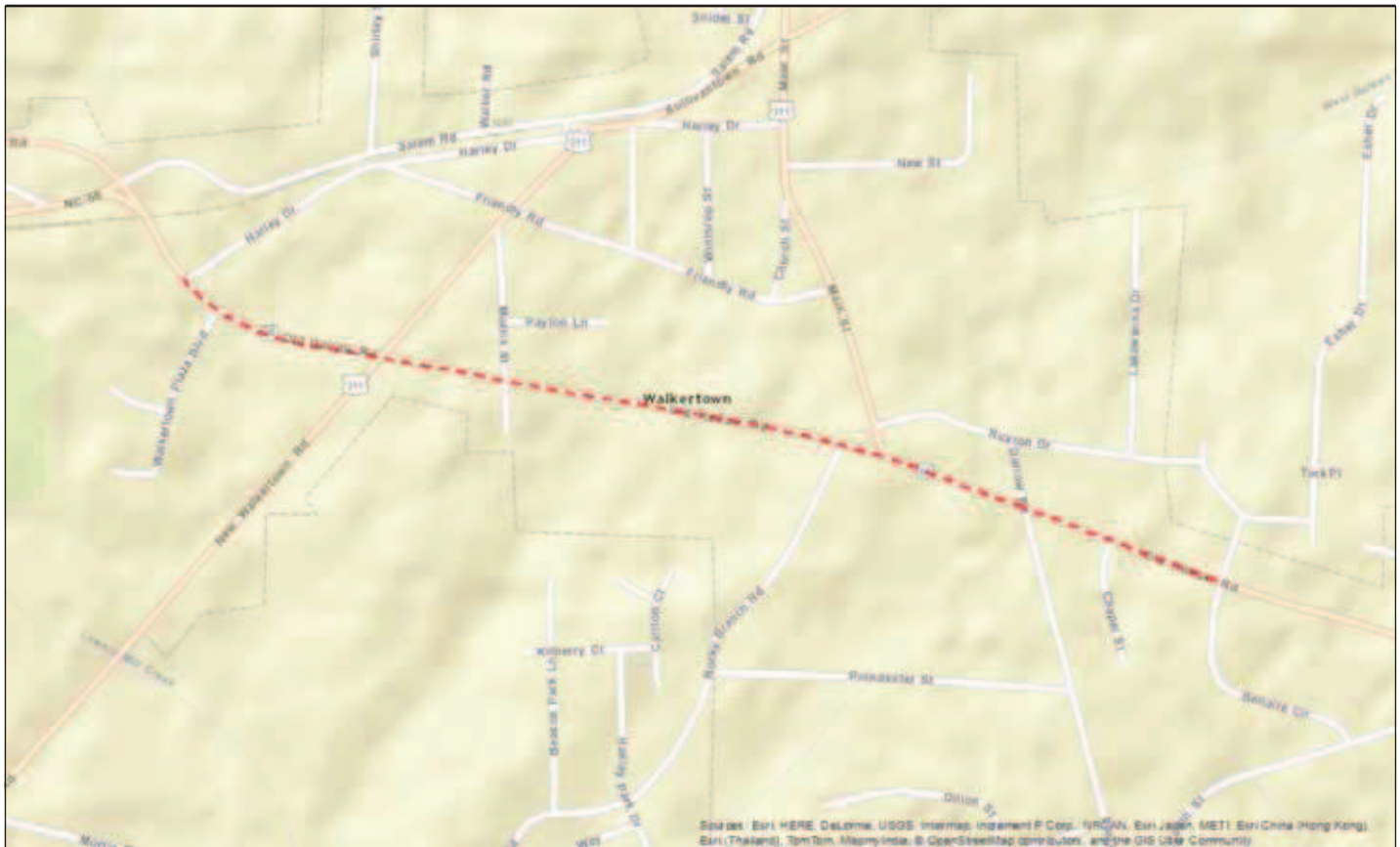
Bellaire Circle/Whitehall Village Lane) to Harley Drive, Widen to Multi-Lanes

**Division(s):** Division 9

**County(s):** FORSYTH

**MPOS(s)/RPO(s):** Winston Salem Urban Area MPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 38.47**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Accessibility / Connectivity (10%) 12.64	Percent: 15% Points: 0	Percent: 15% Points: 100
Congestion (V/C) (25%) 58.37		
Safety (10%) 71.15		
[Travel Time] Benefit/Cost (25%) 2.01		
<b>Totals: Weight: 70% Weighted Score: 23.47</b>		

**Division Needs Total Score: 69.19**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 58.37	Percent: 25% Points: 100	Percent: 25% Points: 100
Safety (10%) 71.15		
[Travel Time] Benefit/Cost (20%) 2.01		
<b>Totals: Weight: 50% Weighted Score: 19.19</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	1.19
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	13905.88
Capacity:	15800.07
Volume/Capacity Ratio:	0.88
% Autos:	95%
% Trucks:	5%
Truck Volume:	673.81
Crash Density:	83.49
Crash Severity:	65.01
Critical Crash Rate:	64.97
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	82
Actual Congested Speed:	31.67
Travel Time Index:	1.42

**Project Benefits**

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.19
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1433522.09
Travel Time Savings for 30 Years (Autos):	1364060.81
Travel Time Savings for 30 Years (Trucks):	69461.28
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 9

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 9	100%	0	100
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>100</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Winston Salem Urban Area MPO	100%	100	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$8,208,000	TIP Unit
Right-of-Way Cost:	\$6,955,000	Cost Estimation Tool
Utilities Cost:	\$835,000	Cost Estimation Tool
Total Project Cost:	\$15,998,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$15,998,000</b>	